Evalam By Pujol

DATA SHEET

EVALAM VISUAL	
Haze (%) 1 Layer	0.05
Haze (%) 3 Layers	0.1
Adhesion Strength (Ncm)	>140
Crosslink (%)	87
Sound Insulation	36
Ligth Transmittance (%) 1 Layer	91
Ligth Transmittance (%) 3 Layers	88,5
Gel Content (%)	>87
Hardness (Shore A)	77
Tensile Strength (Mpa)	11
UV Filtering (%) 380nm (0.38mm)	100
Temperature UNE-EN 12543-4:2011	SATISFACTORY
Humidity UNE-EN 12543-4:2011	SATISFACTORY
Radiation test UNE-EN 12543-4:2011	SATISFACTORY
Boiling Test 100ºC 2h	SATISFACTORY
Resistance UNE-EN 356:2011	P1A:55.2

Resistance UNE-EN 12600-2011:	1B1 4T+4T.2 1B1 6+6.2

UNE-EN 12543 Includes temperature, UV Radiation and Hunmidity, Test

PVB	
Haze (%) 1 Layer	0.13
Adhesion Strength (Ncm)	60
Crosslink (%)	-
Sound Insulation (dB)	34
Ligth Transmittance (%) 1 Layer	89
UV Filtering	80

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Razón Social: FUNDACION TECNALIA RESEARCH & INNOVATION N.I.F. Registro de Fundaciones del Gobierno Vasco CIF G48975767

REPORT No. 14_06517-1-a

COSTUMER	HORNOS INDUSTRIALES PUJOL, S.A.
APPLICANT	JORGE PUJOL
ADDRESS	C/ del Pla, nº 108-110 08980 Sant Feliu de Llobregat (Barcelona)
PURPOSE	HIGH-TEMPERATURE TEST IN ACCORDANCE WITH UNE-EN ISO 12543-4:2011
SAMPLE TESTED	LAMINATED GLASS REF. «EVALAM VISUAL»
DATE OF RECEIPT	26.02.2013
TEST DATES	28.02.2013 – 01.03.2013
DATE ISSUED	10.07.2014

tecnalia Inspiring Business

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CHARACTERISTICS OF THE SAMPLES

On 26th February 2013, TECNALIA received three test specimens of laminated glass with 0.38 mm EVA interlayer of internal reference 900031E/A measuring (300 x 100 x 5+5) mm and referred to as:

«EVALAM VISUAL»

TEST REQUESTED

The test requested is the high-temperature test in accordance with Procedure A of clause 5 of UNE-EN ISO 12543-4:2011 standard *"Glass in building. Laminated glass and laminated safety glass. Part 4: Test methods for durability»*

TEST CARRIED OUT

The test involves placing the glass in an oven and maintaining it there for 16 hours at a temperature of between (100±2) ºC.

The test specimens are allowed to cool to room temperature and the appearance of any faults in the interlayer is then assessed (bubbles, cloudiness, etc.).

RESULTS

No faults were found in the interlayer in any of the test specimens.

Requirement: In accordance with clause 5.1.2. of UNE-EN ISO 12543-2:2011 standard, in the visual evaluation of the test specimens of laminated safety glass that does not included plastics glazing materials, no fault whatsoever must be found (bubbles, delamination, haze or cloudiness).

RESULT: SATISFACTORY

The following photos show test specimens after the test.